

Alexander I Konovalov

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

371 papers	2,444 citations	21 h-index	29 g-index
373 ext. papers	2,698 ext. citations	1.4 avg, IF	4.78 L-index

#	Paper	IF	Citations
371	Diluted Aqueous Dispersed Systems of 4-Aminopyridine: The Relationship of Self-Organization, Physicochemical Properties, and Influence on the Electrical Characteristics of Neurons. <i>Frontiers in Chemistry</i> , 2021 , 9, 623860	5	3
370	Interrelation of physicochemical, spectral, and biological properties of self-organized multi-component aqueous systems based on N-(phosphonomethyl)glycine in the low concentration range. <i>Russian Chemical Bulletin</i> , 2021 , 70, 81-90	1.7	2
369	Physicochemical and biological properties of aqueous herbicide compositions based on N-(phosphonomethyl)glycine and succinic acid in a range of low concentrations. <i>Russian Chemical Bulletin</i> , 2021 , 70, 1499-1508	1.7	1
368	Functional supramolecular systems: design and applications. <i>Russian Chemical Reviews</i> , 2021 , 90, 895-1107	10.7	15
367	Diclofenac sodium aqueous systems at low concentrations: Interconnection between physicochemical properties and action on hydrobionts. <i>Journal of Environmental Sciences</i> , 2020 , 88, 177-186	6.4	7
366	Reactivity Variation of Tetracyanoethylene and 4-Phenyl-1,2,4-Triazoline-3,5-Dione in Cycloaddition Reactions in Solutions. <i>Journal of Solution Chemistry</i> , 2019 , 48, 31-44	1.8	3
365	Features of self-organization and biological properties of solutions of citric and succinic acids in low concentrations. <i>Russian Chemical Bulletin</i> , 2019 , 68, 334-340	1.7	5
364	The novel calix[4]resorcinarene-PEG conjugate: Synthesis, self-association and encapsulation properties. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019 , 570, 182-190	5.1	11
363	Molecular tectonics: high dimensional coordination networks based on methylenecarboxylate-appended tetramercaptothiacalix[4]arene in the 1,3-alternate conformation. <i>CrystEngComm</i> , 2018 , 20, 1130-1140	3.3	3
362	The supramolecular polymer complexes with oppositely charged calixresorcinarene: hydrophobic domain formation and synergistic binding modes. <i>Soft Matter</i> , 2018 , 14, 1799-1810	3.6	4
361	Formation of cooperative amidoaminocalixresorcinarene [methotrexate nanosized aggregates in an aqueous solution and on the surface of gold nanoparticles. <i>Supramolecular Chemistry</i> , 2018 , 30, 901-910	4.8	6
360	Gold nanoparticles, capped by carboxy-calix[4]resorcinarenes: effect of structure and concentration of macrocycles on the nanoparticles size and aggregation. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2018 , 92, 211-221	1.7	5
359	Kinetics of the ene reactions of 4-phenyl-1,2,4-triazoline-3,5-dione with β -pinene and 2-carene: Temperature, high pressure, and solvent effects. <i>International Journal of Chemical Kinetics</i> , 2018 , 50, 651-658	1.4	3
358	Kinetics and thermochemistry of the unusual [2+2+2]-cycloaddition of quadricyclane with some dienophiles. <i>Journal of Physical Organic Chemistry</i> , 2018 , 31, e3737	2.1	3
357	Closed polymer containers based on phenylboronic esters of resorcinarenes. <i>Beilstein Journal of Nanotechnology</i> , 2018 , 9, 1594-1601	3	8
356	Ene Reaction of β -Pinene with 4-Phenyl-3H-1,2,4-triazole-3,5(4H)-dione: Effects of Temperature, High Pressure, and Solvent Nature. <i>Russian Journal of Organic Chemistry</i> , 2018 , 54, 1080-1084	0.7	2
355	Unusual nanosized associates of carboxy-calix[4]resorcinarene and cetylpyridinium chloride: the macrocycle as a glue for surfactant micelles. <i>Soft Matter</i> , 2017 , 13, 2004-2013	3.6	8

354	Novel thermoresponsive water-soluble oligomers based on amphiphilic calixresorcinarenes. <i>Supramolecular Chemistry</i> , 2017 , 29, 575-584	1.8	0
353	The supramolecular approach to the phase transfer of carboxylic calixresorcinarene-capped silver nanoparticles. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017 , 524, 127-134	5.1	16
352	Cyclic and Acyclic N?N Bonds in Reactions with Some Alkenes and Dienes. <i>International Journal of Chemical Kinetics</i> , 2017 , 49, 562-575	1.4	9
351	Solvent Influence on the Diels-Alder Reaction Rates of 9-(Hydroxymethyl)anthracene and 9,10-Bis(hydroxymethyl)anthracene with Two Maleimides. <i>International Journal of Chemical Kinetics</i> , 2017 , 49, 61-68	1.4	6
350	Highly active Pd/Ni nanocatalysts supported on multicharged polymer matrix. <i>Catalysis Science and Technology</i> , 2017 , 7, 5914-5919	5.5	10
349	Determination of the reaction acceleration effect at an elevated hydrostatic pressure. <i>Russian Chemical Bulletin</i> , 2017 , 66, 564-566	1.7	6
348	Calixresorcinarene-capped silver nanoparticles as new supramolecular hybrid nanocontainers. <i>Mendeleev Communications</i> , 2017 , 27, 335-337	1.9	11
347	The relationship between self-organization and membrane effects of aqueous dispersion systems of the thyroliberin oligopeptide. <i>Doklady Physical Chemistry</i> , 2017 , 474, 80-84	0.8	7
346	Effect of hydrostatic pressure, temperature, and solvent on the rate of the Diels-Alder reaction between 9,10-anthracenedimethanol and maleic anhydride. <i>Russian Journal of Physical Chemistry A</i> , 2017 , 91, 464-467	0.7	2
345	Supramolecular nanoscale systems based on amphiphilic tetramethylsulfonatocalix[4]resorcinarenes and cationic polyelectrolyte with controlled guest molecule binding. <i>Supramolecular Chemistry</i> , 2017 , 29, 278-289	1.8	8
344	Aqueous Systems Based on Metaphos in Low Concentration: The Relationship between Self-Assembly, Physico-Chemical, and Biological Properties. <i>Russian Journal of General Chemistry</i> , 2017 , 87, 2838-2845	0.7	6
343	[2+2]-Cycloaddition of biadamantylidene to 4-phenyl-3H-1,2,4-triazole-3,5(4H)-dione. Effects of temperature, high pressure, and solvent. <i>Russian Journal of Organic Chemistry</i> , 2017 , 53, 1864-1869	0.7	4
342	Disperse aqueous systems based on (S)-lysine in a wide range of concentrations and physiologically important temperatures. <i>Russian Chemical Bulletin</i> , 2017 , 66, 1691-1698	1.7	3
341	Effect of self-organization and properties of aqueous disperse systems based on the moss peptide PpCLE2 in a low concentration range on the growth of Arabidopsis thaliana roots. <i>Russian Chemical Bulletin</i> , 2017 , 66, 1699-1705	1.7	4
340	Molecular Tectonics: Manganese(II), Copper(II) and Zinc(II) 1D Coordination Polymers Based on Tetramercaptothiacalix[4]arene Bearing Benzoate Coordinating Groups. <i>Macroheterocycles</i> , 2017 , 10, 147-153	2.2	3
339	Application of ferrocene-resorcinarene in silver nanoparticle synthesis. <i>RSC Advances</i> , 2016 , 6, 87128-87133	3.3	7
338	Reduction-controlled substrate release from a polymer nanosphere based on a viologen-cavitand. <i>RSC Advances</i> , 2016 , 6, 70072-70076	3.7	4
337	Quantum chemical study of the self-assembly of tetrathiacalix[4]arenes and their oxygen analogs functionalized by hydrazide groups. <i>Russian Chemical Bulletin</i> , 2016 , 65, 47-53	1.7	

- 336 Encapsulation of quantum dots in supramolecular systems based on amphiphilic compounds and polyelectrolytes. *Russian Chemical Bulletin*, **2016**, 65, 151-157 1.7 2
- 335 Polymerized micelles based on poly-11-(acryloylamino)undecanoic acid: aggregation properties and influence on the hydrolysis rate of phosphorous acid esters. *Russian Chemical Bulletin*, **2016**, 65, 268-272^{1.7} 1
- 334 Amphiphilic calixresorcinarene associates as effective solubilizing agents for hydrophobic organic acids: construction of nano-aggregates. *Soft Matter*, **2016**, 12, 5590-9 3.6 25
- 333 Synthesis, structure and coordination properties of novel bifunctional carboxylic derivatives of 1,3-alternate tetrathiacalix[4]arene. *RSC Advances*, **2016**, 6, 19531-19544 3.7 1
- 332 Molecular tectonics: dimensionality and geometry control of silver coordination networks based on pyrazolyl appended thiacalixarenes. *CrystEngComm*, **2016**, 18, 691-703 3.3 14
- 331 Polyelectrolyte capsules for controlled binding/release of fluorescent probe. *Russian Chemical Bulletin*, **2016**, 65, 675-679 1.7 1
- 330 Supramolecular systems based on polyethyleneimines and octa-2-hydroxyethylated calix[4]resorcinarenes. Aggregation and catalytic activity. *Russian Chemical Bulletin*, **2016**, 65, 1272-1277^{1.7} 2
- 329 Specifics of self-organization and properties of highly dilute aqueous solutions of polyoxidonium. *Russian Chemical Bulletin*, **2016**, 65, 1505-1513 1.7 4
- 328 Self-assembling catalytic systems based on new amphiphile containing purine fragment, exhibiting substrate specificity in hydrolysis of phosphorus acids esters. *Russian Journal of General Chemistry*, **2016**, 86, 656-660 0.7 16
- 327 Molecular tectonics: tetracarboxythiacalix[4]arene derivatives as tectons for the formation of hydrogen-bonded networks. *CrystEngComm*, **2016**, 18, 8622-8630 3.3 4
- 326 Kinetics and thermochemistry of [2+2] cycloaddition of quadricyclane to tetracyanoethylene. *Russian Journal of Organic Chemistry*, **2016**, 52, 777-780 0.7 8
- 325 The polyacrylic acid/modified chitosan capsules with tunable release of small hydrophobic probe and drug. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2015**, 471, 93-100 5.1 17
- 324 Amidoamine calix[4]resorcinarene-based oligomers and polymers as efficient sorbents of azo dyes from water. *Supramolecular Chemistry*, **2015**, 27, 595-605 1.8 10
- 323 Self-organization and physicochemical properties of aqueous solutions of the antibodies to interferon gamma at ultrahigh dilution. *Doklady Physical Chemistry*, **2015**, 462, 110-114 0.8 15
- 322 High catalytic activity of palladium nanoparticle clusters supported on a spherical polymer network. *Chemical Communications*, **2015**, 51, 13317-20 5.8 22
- 321 Nanoassociate formation in highly diluted water solutions of potassium phenosan with and without permalloy shielding. *Electromagnetic Biology and Medicine*, **2015**, 34, 141-6 2.2 17
- 320 Thermal transformations of urea in ethylene glycol: III. Transformation of 2-hydroxyethyl carbamate into ethylene carbonate. *Russian Journal of Organic Chemistry*, **2015**, 51, 836-841 0.7
- 319 Reactivity of 4-Phenyl-1,2,4-triazoline-3,5-dione and Diethylazocarboxylate in [4+2]-Cycloaddition and Ene Reactions: Solvent, Temperature, and High-Pressure Influence on the Reaction Rate. *International Journal of Chemical Kinetics*, **2015**, 47, 289-301 1.4 21

318	Ene reaction of 4-phenyl-3H-1,2,4-triazole-3,5(4H)-dione with dicyclopentadiene. <i>Russian Journal of Organic Chemistry</i> , 2015 , 51, 382-386	0.7	5
317	Atmospheric and high pressure ene reaction of norbornene with 4-phenyl-3H-1,2,4-triazole-3,5(4H)-dione. <i>Russian Journal of Organic Chemistry</i> , 2015 , 51, 387-391	0.7	7
316	Synthesis and aggregation properties of thiacalix[4]arene tetra-N-acylamides. <i>Russian Journal of Organic Chemistry</i> , 2015 , 51, 430-435	0.7	1
315	Alcohol associates as catalysts of tautomeric transformations. <i>Russian Journal of General Chemistry</i> , 2015 , 85, 1808-1815	0.7	4
314	Effect of weak electromagnetic fields on self-organization of highly diluted solutions of alkylated p-sulfonatocalix[6]arene. <i>Doklady Physical Chemistry</i> , 2015 , 463, 154-157	0.8	2
313	Synthesis and structure of lower rim-substituted alkynyl derivatives of thiacalix[4]arene. <i>Russian Journal of Organic Chemistry</i> , 2015 , 51, 1334-1342	0.7	7
312	Supramolecular systems based on dicationic pyrimidine-containing surfactants and polyethyleneimine. <i>Russian Chemical Bulletin</i> , 2015 , 64, 573-578	1.7	27
311	Composition of thiacalix[4]arene complexes with monovalent metal ions in the gas phase: MALDI mass spectrometry. <i>Russian Chemical Bulletin</i> , 2015 , 64, 1823-1828	1.7	3
310	Molecular tectonics: silver coordination networks based on tetramercaptothiacalix[4]arene in 1,3-alternate conformation bearing four nitrile groups. <i>Russian Chemical Bulletin</i> , 2015 , 64, 1955-1962	1.7	8
309	The relationship between self-organization, physicochemical properties, and biological activity of low-concentration solutions of p-aminobenzoic acid. <i>Russian Chemical Bulletin</i> , 2015 , 64, 590-596	1.7	1
308	Features of self-organization of highly dilute solutions of (S)-, (R)-, and (SR)-methionines and related carbamides and glycolurils. <i>Russian Chemical Bulletin</i> , 2015 , 64, 2125-2134	1.7	3
307	Supramolecular catalytic systems based on 1, 4-diazabicyclo[2.2.2]octane, its alkylated quaternary derivatives, and lanthanum nitrate. <i>Russian Chemical Bulletin</i> , 2015 , 64, 2690-2696	1.7	4
306	Structure and supramolecular organization of tri-n-butyl(octadecyl)phosphonium tetrafluoroborate and its influence on catalytic activity of stabilized palladium nanoparticles. <i>Russian Chemical Bulletin</i> , 2015 , 64, 2486-2492	1.7	3
305	Enthalpies of the Diels-Alder reactions of a series of dienes with tetracyanoethylene and 4-phenyl-1,2,4-triazoline-3,5-dione. <i>Russian Chemical Bulletin</i> , 2015 , 64, 2514-2516	1.7	5
304	Catalytic properties of polymer-colloid complexes based on polyethyleneimines and mono- and diquaternized 1,4-diazabicyclo[2.2.2]octane derivatives in the hydrolysis of phosphorus acids esters. <i>Russian Chemical Bulletin</i> , 2015 , 64, 2879-2884	1.7	11
303	Silver mediated duplex-type complexes of pyrimidinophanes and their acyclic counterparts. <i>RSC Advances</i> , 2015 , 5, 16017-16028	3.7	4
302	Comparison of enthalpy, entropy, and volume changes of chemical reactions. <i>Russian Chemical Bulletin</i> , 2015 , 64, 956-959	1.7	1
301	Relationship between self-organization and biological activity of highly diluted solutions of a tetrahydrazide tetrathiacalix[4]arene derivative. <i>Doklady Physical Chemistry</i> , 2015 , 464, 251-254	0.8	1

300	Lipoplexes of dicationic gemini surfactants with DNA: Structural features of DNA compaction and transfection efficiency. <i>Doklady Biochemistry and Biophysics</i> , 2015 , 465, 432-5	0.8	3
299	Cycloheptatriene in the reaction of ene synthesis with diethylazodicarboxylate. <i>Russian Journal of Organic Chemistry</i> , 2015 , 51, 1532-1535	0.7	
298	Self-organization and properties of dilute aqueous solutions of cetyltrimethylammonium bromide in a range of physiologically important temperatures. <i>Russian Chemical Bulletin</i> , 2015 , 64, 579-589	1.7	10
297	Thermoresponsive Polymer Nanoparticles Based on Viologen Cavitands. <i>ChemPlusChem</i> , 2015 , 80, 217-223		13
296	Molecular Tectonics: Grid and Porous Coordination Networks Based on Combinations of Iron Thiocyanate and Pyridyl Appended Derivatives of Tetrathiacalix[4]arene and Tetramercaptotetrathiacalix[4]arene. <i>Macroheterocycles</i> , 2015 , 8, 113-119	2.2	5
295	Polymethoxyphenyl-substituted [2-(5-chloro-2-hydroxy-4-methylphenyl)-2-phenylvinyl]phosphine oxides: Synthesis and complexation with Eu(TTA) ₃ . <i>Russian Journal of Organic Chemistry</i> , 2014 , 50, 547-557	0.7	7
294	Molecular tectonics: generation of grid and porous diamondoid coordination networks by calixarene based tectons. <i>CrystEngComm</i> , 2014 , 16, 3765-3772	3.3	13
293	Self-association of Tocopherol: a computer simulation. <i>Russian Chemical Bulletin</i> , 2014 , 63, 54-59	1.7	1
292	Polyelectrolyte micro- and nanocapsules with varied shell permeability controlling the rate of esters hydrolysis. <i>Russian Chemical Bulletin</i> , 2014 , 63, 232-238	1.7	8
291	Ene reaction between 4-phenyl-1,2,4-triazoline-3,5-dione and hex-1-ene. The enthalpies, entropies, and volumes of activation and reaction in solution. <i>Russian Chemical Bulletin</i> , 2014 , 63, 280-283	1.7	4
290	Forming the nanosized molecular assemblies (nanoassociates) is a key to understand the properties of highly diluted aqueous solutions. <i>Biophysics (Russian Federation)</i> , 2014 , 59, 341-346	0.7	4
289	Electrochemical control of association and deposition of tetraviologen calix[4]resorcin. <i>Russian Journal of Electrochemistry</i> , 2014 , 50, 756-772	1.2	10
288	Aggregation behavior, anticorrosion effect, and antimicrobial activity of alkylmethylmorpholinium bromides. <i>Protection of Metals and Physical Chemistry of Surfaces</i> , 2014 , 50, 538-542	0.9	14
287	Formation of nanoassociates is a factor determining physicochemical and biological properties of highly diluted aqueous solutions. <i>Doklady Physical Chemistry</i> , 2014 , 456, 86-89	0.8	9
286	Metal binding properties of pyrimidinophanes and their acyclic counterparts. <i>RSC Advances</i> , 2014 , 4, 10228	3.7	5
285	Self-assembly of symmetrical and dissymmetrical dicationic surfactants in the solid phase and in solution. <i>Russian Chemical Bulletin</i> , 2014 , 63, 68-75	1.7	6
284	Synthesis and fluorescent properties of thiacalix[4]arenes containing terpyridyl fragments at the lower rim. <i>Russian Chemical Bulletin</i> , 2014 , 63, 214-222	1.7	5
283	Formation of nanoassociates as a key to understanding of physicochemical and biological properties of highly dilute aqueous solutions. <i>Russian Chemical Bulletin</i> , 2014 , 63, 1-14	1.7	37

282	Quantum-chemical study of thermodynamics of hydrogen-bonded methylamine-methanol complexes reaction with dimethyl carbonate. <i>Russian Journal of General Chemistry</i> , 2014 , 84, 1480-1486	0.7	2
281	Mixed self-assembly of polyacrylic acid and oppositely charged gemini surfactants differing in the structure of head group. <i>Fluid Phase Equilibria</i> , 2014 , 376, 172-180	2.5	17
280	Tetraviologen calix[4]resorcine as a mediator of the electrochemical reduction of [PdCl ₄] ²⁻ for the production of Pd ⁰ nanoparticles. <i>Mendeleev Communications</i> , 2014 , 24, 108-110	1.9	32
279	Dielectric spectroscopy study of low-concentration aqueous solutions of a calix[4]resorcinarene derivative. <i>Doklady Physical Chemistry</i> , 2014 , 455, 56-59	0.8	8
278	Enthalpy and entropy of activation and the heat effect of the ene reaction between 4-phenyl-1,2,4-triazoline-3,5-dione and 2,3-dimethyl-2-butene in solution. <i>Russian Journal of Physical Chemistry A</i> , 2014 , 88, 890-892	0.7	2
277	Quantum-chemical study of isocyanate reactions with linear methanol associates: IX. Methyl isocyanate reaction with methanol-phenol complexes. <i>Russian Journal of Organic Chemistry</i> , 2014 , 50, 155-159	0.7	3
276	Effect of pressure on the rate of the Diels-Alder reaction of diethyl azodicarboxylate with 9,10-dimethylantracene. <i>Russian Journal of Organic Chemistry</i> , 2014 , 50, 489-493	0.7	5
275	Reactivity of phosphorus esters in supramolecular systems based on surfactants containing an uracil residue and polyethylenimine. <i>Russian Journal of Organic Chemistry</i> , 2014 , 50, 500-505	0.7	2
274	Design of supramolecular biomimetic catalysts of high substrate specificity by noncovalent self-assembly of calix[4]arenes with amphiphilic and polymeric amines. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014 , 117, 497-504	6	13
273	Binding of 1,5-bis(p-sulfonatophenyl)-3,7-diphenyl-1,5-diaza-3,7-diphosphacyclooctane with tetramethylviologen calix[4]resorcin with a methyl radical in the resorcinol ring. <i>Russian Journal of Electrochemistry</i> , 2014 , 50, 142-153	1.2	9
272	Quantum chemical study of the reaction of ethylene carbonate with methanol associates. <i>Russian Journal of Organic Chemistry</i> , 2014 , 50, 1738-1745	0.7	4
271	Supramolecular systems based on polyethyleneimines and quaternized derivatives of 1,4-diazabicyclo[2.2.2]octane. <i>Journal of Structural Chemistry</i> , 2014 , 55, 1541-1547	0.9	1
270	Aqueous and salt solutions of quinine of low concentrations: Self-organization, physicochemical properties and actions on the electrical characteristics of neurons. <i>Biophysics (Russian Federation)</i> , 2014 , 59, 588-592	0.7	2
269	Kinetic and equilibrium parameters of [4+2] cycloaddition reaction of 2,6-dimethylnaphthalene with 4-phenyl-1,2,4-triazoline-3,5-dione. <i>Russian Chemical Bulletin</i> , 2014 , 63, 770-771	1.7	1
268	Features of the Diels-Alder reaction between 9,10-diphenylantracene and 4-phenyl-1,2,4-triazoline-3,5-dione. <i>Russian Journal of Physical Chemistry A</i> , 2014 , 88, 2073-2080	0.7	6
267	Highly diluted aqueous solutions: Formation of nano-sized molecular assemblies (nanoassociates). <i>Geochemistry International</i> , 2014 , 52, 1207-1226	0.8	24
266	Complexation of mono- and dicationic surfactants with decanucleotide. Influence of the head group nature. <i>Russian Chemical Bulletin</i> , 2014 , 63, 1615-1618	1.7	5
265	Highly diluted solutions of amphiphilic derivatives of calix[4]resorcinols: self-organization and physicochemical properties. <i>Russian Chemical Bulletin</i> , 2014 , 63, 1399-1408	1.7	0

264	Methyl viologen and tetraviologen calix[4]resorcinol as mediators of the electrochemical reduction of [PdCl ₄] ²⁻ with formation of finely dispersed Pd ⁰ . <i>Russian Chemical Bulletin</i> , 2014 , 63, 1409-1415	1.7	22
263	Highly diluted aqueous solutions of cetyltrimethylammonium bromide: Correlations between self-organization, physicochemical properties, and biological activity. <i>Doklady Physical Chemistry</i> , 2014 , 459, 166-172	0.8	5
262	Influence of the medium self-organization on the catalytic activity of palladium nanoparticles stabilized by amphiphilic phosphonium salts in the Suzuki reaction. <i>Russian Chemical Bulletin</i> , 2014 , 63, 1297-1300	1.7	8
261	Pectic polysaccharides from the plant <i>Amaranthus cruentus</i> . Water-soluble complexes of amaranth pectin with macro- and microelements. <i>Russian Chemical Bulletin</i> , 2014 , 63, 2142-2155	1.7	1
260	Crystal violet dye in complexes with amphiphilic anionic calix[4]resorcinarenes: binding by aggregates and individual molecules. <i>Journal of Colloid and Interface Science</i> , 2013 , 407, 148-54	9.3	23
259	Quantum-chemical study on reactions of isocyanates with linear methanol associates: VII. Effect of nonspecific solvation on the reaction of methyl isocyanate with linear methanol associates. <i>Russian Journal of Organic Chemistry</i> , 2013 , 49, 22-27	0.7	7
258	A Supramolecular Amphiphile Based on Calix[4]resorcinarene and Cationic Surfactant for Controlled Self-Assembly. <i>Journal of Physical Chemistry C</i> , 2013 , 117, 20280-20288	3.8	34
257	Influence of amidoammonium calix[4]resorcinarenes on methyl orange protolytic equilibrium: supramolecular indicator systems. <i>Supramolecular Chemistry</i> , 2013 , 25, 831-841	1.8	14
256	Thermal transformations of urea in ethylene glycol: II. Reaction of isocyanic acid with ethylene glycol associates. <i>Russian Journal of Organic Chemistry</i> , 2013 , 49, 1723-1727	0.7	6
255	Supramolecular system 4-aza-1-hexadecyl-1-azoniabicyclo[2.2.2]octane bromide–sodium salicylate. Aggregation and rheological properties. <i>Russian Chemical Bulletin</i> , 2013 , 62, 989-993	1.7	8
254	Quantum-chemical study of thermodynamics of ethylene carbonate reactions with methanol. <i>Russian Journal of General Chemistry</i> , 2013 , 83, 1840-1843	0.7	1
253	Influence of spatial isomerism of tetrathiacalix[4]arene functionalized by hydrazide groups on self-organization and physicochemical properties of aqueous dimethyl sulfoxide solutions of low concentration. <i>Doklady Physical Chemistry</i> , 2013 , 453, 264-269	0.8	5
252	Quantum-chemical study on reactions of isocyanates with linear methanol associates: VIII. Relative reactivity of linear phenol and methanol associates toward methyl isocyanate. <i>Russian Journal of Organic Chemistry</i> , 2013 , 49, 968-973	0.7	6
251	Electrochemical switching of monomer–associate in the system tetraviologen calix[4]resorcinol–7-di(l-menthyl)-1,5-di(p-sulfonatophenyl)-1,5-diaza-3,7-diphosphacyclooctane. <i>Russian Chemical Bulletin</i> , 2013 , 62, 2158-2170	1.7	5
250	Quantum-chemical study on thermal transformations of urea in ethylene glycol. <i>Russian Journal of Organic Chemistry</i> , 2013 , 49, 28-33	0.7	7
249	Molecular tectonics: control of the dimensionality in tetramercaptothiacalixarenes based coordination networks. <i>Inorganic Chemistry</i> , 2013 , 52, 6776-8	5.1	19
248	Synthesis and Characterization of Thiacalix[4]monocrowns Modified by Thioether Groups on the Lower Rim. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2013 , 188, 499-502	1	9
247	Guest controlled aggregation of amphiphilic sulfonatomethylated calix[4]resorcinarenes in aqueous solutions. <i>Journal of Colloid and Interface Science</i> , 2012 , 370, 19-26	9.3	28

246	Dicationic surfactant based catalytic systems for alkaline hydrolysis of phosphonic acid esters. <i>Kinetics and Catalysis</i> , 2012 , 53, 206-213	1.5	8
245	Factors determining the catalytic activity of the mixed micellar system cetyltrimethylammonium bromide-Brij-35 in the hydrolysis of a phosphonic acid ester. <i>Kinetics and Catalysis</i> , 2012 , 53, 344-352	1.5	4
244	Gemini surfactant-nonionic polymer mixed micellar systems. <i>Colloid Journal</i> , 2012 , 74, 91-98	1.1	15
243	Supramolecular systems based on cationic surfactants and amphiphilic macrocycles. <i>Colloid Journal</i> , 2012 , 74, 194-206	1.1	13
242	Quantum-chemical investigation of isocyanate reactions with linear methanol associates: IV. Mechanism of autocatalytic reaction of methyl isocyanate with linear methanol associates. <i>Russian Journal of Organic Chemistry</i> , 2012 , 48, 158-163	0.7	8
241	Quantum-chemical investigation of isocyanate reactions with linear methanol associates: V. Aryl isocyanate reactions with linear methanol associates. <i>Russian Journal of Organic Chemistry</i> , 2012 , 48, 164-174	0.7	15
240	Synthesis of hydrazones containing sterically hindered phenol groups and tetrathiacalix[4]arene fragment. <i>Russian Journal of Organic Chemistry</i> , 2012 , 48, 1360-1365	0.7	1
239	Self-organization of sodium chloride solutions in the absence and presence of a biologically active substance of low concentration under common and hypoelectromagnetic conditions. <i>Doklady Physical Chemistry</i> , 2012 , 446, 184-189	0.8	7
238	Effect of ultralow concentrations and electromagnetic fields. <i>Doklady Physical Chemistry</i> , 2012 , 446, 153-157	0.8	16
237	Quantum-chemical study on reactions of isocyanates with methanol associates: VI. Quantum-chemical characterization of the relative reactivity of linear and cyclic methanol trimers in the addition to methyl isocyanate. <i>Russian Journal of Organic Chemistry</i> , 2012 , 48, 1512-1517	0.7	4
236	Sorption of azo dyes from aqueous solutions by tetradodecyloxybenzylcalix[4]resorcinarene derivatives. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2012 , 74, 467-472		11
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